Index of Claims

| Application No. | Applicant(s) |
|-----------------|--------------|
| 10/776,063      | BENCO ET AL. |
| Examiner        | Art Unit     |

Arlen Soderquist

1743

/ Rejected \_\_ (\*\*

(Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Cl       | aim      | Date    |          |          |          |          |              |  |          |          | n r          | Claim Date  |          |          |          |         |                 |          |          | ſ        | CI            | aim      | Date  |                   |            |          |          |          |          |          |          |           |          |          |
|----------|----------|---------|----------|----------|----------|----------|--------------|--|----------|----------|--------------|-------------|----------|----------|----------|---------|-----------------|----------|----------|----------|---------------|----------|-------|-------------------|------------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|
| -0"      |          |         |          |          |          |          |              |  | 1 1      |          |              | Date        |          |          |          |         |                 |          |          |          |               |          | 21111 | Date .            |            |          |          |          |          |          |          |           |          |          |
| <u>_</u> | Original | 8/16/04 | 12/30/04 | 6/13/05  | 1        | -        | İ            |  | l        |          |              | ā           | Original | 8/16/04  | 12/30/04 | 6/13/05 |                 |          |          |          |               | Ì        |       | <del>-</del>      | Original   |          | 1        |          |          |          |          |           |          |          |
| Final    | ij       | /18     | l X      | /13      |          |          |              |  |          |          |              | Final       | ij       | 116      | 18       | /13     |                 |          |          |          |               |          |       | Final             | ij         |          |          |          |          |          |          |           |          |          |
|          | 0        | ۳ ا     | ~        | 9        |          | ļ        |              |  |          |          |              |             | 0        | ~        | 1,2      | 9       |                 |          |          |          |               |          |       | _                 | 0          |          |          |          |          | İ        |          |           |          |          |
|          | 1        | 1       | 1        | 1        |          | Г        | Т            | $\top$                                 | Τ        |          | 1            |             | 51       | 1        | 1        | 1       |                 |          |          |          |               |          | Ì     |                   | 101        |          |          | $\vdash$ |          |          | $\vdash$ |           |          | $\neg$   |
|          | 2        | ٧       | ٧        | 1        | Γ        | Г        |              | 1                                      | Г        | $\top$   | 1 [          |             | 52       | 1        | 1        | 1       |                 |          |          |          |               | $\neg$   | Ì     |                   | 102        |          |          |          |          |          | _        |           |          | $\Box$   |
|          | 3        | 1       | 1        | 1        |          |          |              | Γ                                      | Г        |          | ] [          |             | 53       | 1        | 1        | 7       |                 |          |          |          |               |          |       |                   | 103        |          |          |          |          |          |          |           |          | $\neg$   |
|          | 4        | 1       | 1        | 7        |          |          |              |  |          |          |              |             | 54       |          | П        |         | 匚               |          |          |          |               |          | [     |                   | 104        |          |          |          |          |          |          |           |          |          |
| L        | 5        | 1       | 1        | 1        | 乚        | L        | _            | ــــــــــــــــــــــــــــــــــــــ | L        |          | 1 1          |             | 55       | L        |          |         |                 |          |          |          |               |          |       |                   | 105        |          |          |          |          |          |          |           |          |          |
| <u> </u> | 6        | 1       | 1        | 1        | <u> </u> | <u> </u> | Ļ.,          | ╄                                      | <u> </u> | 4_       | 1 1          |             | 56       | <u> </u> |          |         |                 |          |          |          | $\Box$        | _        |       |                   | 106        |          | Ш        |          | _        |          |          |           |          |          |
|          | 7        | 1       | 1        | 1        | <u> </u> | ├        | <u> </u>     | ┿                                      | ┞        | -        | {            |             | 57       |          |          |         | L.              | Ш        |          | _        | $\Box$        | _        | -     |                   | 107        |          |          |          |          |          | L        |           |          |          |
|          | 8        | 7       | 7        | 1        | ⊢        | <u> </u> | _            | ┼                                      | ╀        | +-       | 1            |             | 58       | <u> </u> |          |         | _               |          |          | -        |               |          | ļ     |                   | 108        | _        |          | _        |          |          | _        |           |          | _        |
| <u> </u> | 10       | 7       | 7        | 7        | ⊢        | -        | -            | ╁                                      | ┝        | ╁┈       | 1            |             | 59<br>60 |          | -        |         | $\vdash$        | Н        | -        |          |               | {        | ŀ     |                   | 109        | _        |          | -        | _        |          |          | $\dashv$  |          | $\dashv$ |
|          | 11       | 7       | 7        | 7        | ├        | -        | ⊢            | ╁                                      | ⊢        | ╁        | ┨            |             | 61       | _        |          |         | -               | -        | _        | $\dashv$ | $\dashv$      | $\dashv$ | ŀ     |                   | 110        | _        | Н        |          |          | _        | <b>_</b> |           | _        | _        |
|          | 12       | 7       | 7        | 1        | ┢        | -        | ┢            | ╁                                      | ╁        |          | ┨            |             | 62       | -        | $\vdash$ |         | <u> </u>        | Н        | -        |          | $\dashv$      | ᅱ        | ŀ     |                   | 111<br>112 |          | Н        | -        | _        |          |          |           |          | -        |
| -        | 13       | 1       | 1        | 1        |          | -        | ┢            | ╁╾                                     | ╁        | +-       | 1 }          | _           | 63       | -        |          | _       | $\vdash$        |          | $\dashv$ | -        | $\dashv$      | -        | H     |                   | 113        | _        |          |          | $\vdash$ | -        | Н        | $\dashv$  |          | -        |
|          | 14       | 7       | 1        | 1        | $\vdash$ | ╁        | 1            | +                                      | H        | +        | 1 }          |             | 64       | <u> </u> | $\vdash$ | _       | -               | $\vdash$ | -        |          | $\vdash$      | $\dashv$ | -     |                   | 114        | H        |          | -        | $\vdash$ | _        | $\vdash$ | $\dashv$  | -        |          |
|          | 15       | 7       | 1        | 1        | T        | $\vdash$ |              | 1                                      | T        | 1-       | 1 1          |             | 65       |          |          |         |                 |          |          |          |               | ᅱ        | ı     |                   | 115        | _        |          |          |          |          | $\vdash$ |           |          | -        |
|          | 16       | 1       | 1        | 1        | l        |          | l            |  | T        | 1-       | ii           |             | 66       |          |          |         |                 | Н        | 一        |          |               | $\neg$   | Ì     |                   | 116        | _        |          |          | _        |          | $\vdash$ | $\dashv$  |          |          |
|          | 17       | 1       | 1        | 1        |          |          | İ            | İ                                      | T        | 1        | 1 1          |             | 67       |          |          | _       | $\vdash$        |          |          | $\neg$   |               |          | Ì     |                   | 117        |          |          |          | _        | _        |          | $\exists$ | $\neg$   | ᅱ        |
|          | 18       | 1       | 1        | ٧        |          |          |              |  |          |          |              |             | 68       |          |          |         |                 |          |          |          |               |          | ı     |                   | 118        |          |          |          |          | -        |          |           |          | $\neg$   |
|          | 19       | 7       | 1        | 1        |          |          |              |  |          |          | ] [          |             | 69       |          |          |         |                 |          |          | T        |               |          |       |                   | 119        |          |          |          |          |          |          | ヿ         |          | $\neg$   |
|          | 20       | 1       | 1        | ٧        |          |          |              |  |          |          | ] [          |             | 70       |          |          |         |                 |          |          |          |               |          |       |                   | 120        |          |          |          |          |          |          |           |          |          |
|          | 21       | 1       | 1        | 1        | _        |          | <u></u>      | <u> </u>                               | L        |          | ]            |             | 71       |          |          |         |                 |          |          |          |               |          |       |                   | 121        |          |          |          |          |          |          |           |          |          |
|          | 22       | 1       | 1        | 1        |          | _        | L            | _                                      | L        | _        |              |             | 72       |          |          |         |                 |          | _        | _        |               | _        | L     |                   | 122        |          | Ш        |          |          |          |          |           |          |          |
| _        | 23       | 1       | 1        | 1        | <u> </u> | _        | <u> </u>     | _                                      | ┞-       | _        |              |             | 73       | _        |          |         |                 |          |          |          |               |          | L     |                   | 123        |          | Щ        |          |          |          |          |           |          |          |
|          | 24       | 1       | -        | 1        | _        | _        | ┡            |  | ┡        | 4        | -            |             | 74       |          |          |         | _               | _        | _        | _        | $\Box$        | _        | -     |                   | 124        |          |          |          | Щ        |          |          | _         |          | _        |
|          | 25<br>26 | 7       | 7        | 1        | <u> </u> | _        | ├-           | ╀                                      | ╀        | +-       | <b> </b>     |             | 75<br>70 |          | Ш        | _       | _               | Ш        | $\dashv$ | $\dashv$ | $\dashv$      | _        | ŀ     | $\longrightarrow$ | 125        |          | Н        |          |          |          |          | $\dashv$  |          | _        |
|          | 27       | 7       | 7        | <b>∀</b> | -        |          | ⊢            | +-                                     | ⊢        | +        | {            |             | 76<br>77 | _        | -        |         | -               | Н        | -        |          | $\dashv$      | -        | ŀ     |                   | 126        |          |          |          | Ш        |          | Щ        | -         | _        | _        |
|          | 28       | Ì       | 1        | 1        | $\vdash$ |          | ⊢            | ╁                                      | ┝        | ╁        | <del> </del> | -           | 78       | -        |          |         | $\vdash$        |          | $\dashv$ | -        | $\dashv$      | -        | ŀ     |                   | 127<br>128 | _        |          | Н        | Н        |          | _        |           |          | ᅴ        |
|          | 29       | 7       | i        | i        | -        | _        | ┢            | ╁                                      | ┢        | $\vdash$ | 1            |             | 79       | -        | -        |         | -               |          | 一        | $\dashv$ | $\dashv$      |          | ŀ     | -                 | 129        | _        | $\vdash$ | -        | Н        |          | Н        | -         | -        | $\dashv$ |
|          | 30       | Ì       | Ì        | Ī        |          |          | 1            | $\vdash$                               | Н        | +-       | 1 1          | -           | 80       |          | $\dashv$ |         | $\vdash$        |          | ┪        | -        | $\dashv$      |          | ŀ     |                   | 130        |          | $\vdash$ | -        |          |          | -        | -         | -        | $\dashv$ |
|          | 31       | 1       | 1        | 1        |          |          |              | $\vdash$                               | T        | 1        | 1            |             | 81       |          |          | _       |                 |          | 一        | ᅥ        | $\neg$        | ┪        | ı     |                   | 131        | _        |          | $\neg$   |          |          | Н        | $\dashv$  |          | ᅱ        |
|          | 32       | 1       | 1        | 1        |          |          |              | 1                                      | Г        |          | 1            |             | 82       |          |          |         |                 |          | $\neg$   | $\neg$   |               | ┪        | ١     |                   | 132        |          |          |          |          |          |          | $\dashv$  |          | ヿ        |
|          | 33       | 1       | 1        | 1        |          |          |              |  | Г        |          | lſ           |             | 83       |          |          |         |                 |          | コ        | $\neg$   | ヿ             | $\neg$   | -     | $\neg$            | 133        |          |          |          |          |          |          |           |          | ヿ        |
|          | 34       | 1       | 1        | 1        |          |          |              |  |          |          |              |             | 84       |          |          |         |                 |          |          |          |               | $\Box$   | Ī     |                   | 134        |          |          |          |          |          |          | T         | $\neg$   | ヿ        |
|          | 35       | 1       | 1        | 1        | _        |          |              | L                                      | L        |          |              |             | 85       |          |          |         |                 |          |          |          |               |          |       |                   | 135        |          |          |          |          |          |          |           |          | $\neg$   |
|          | 36       | V       | 1        | 1        | L        |          | L_           | ╙                                      | <u> </u> | <u> </u> | ▎▕           |             | 86       |          | _        |         | Ш               |          | _        | _        | ightharpoonup | _        |       |                   | 136        |          |          |          |          |          |          |           |          |          |
|          | 37       | 4       | 1        | 1        | $\sqcup$ | Ш        | _            | <b>├</b> -                             | L        | ↓_       | .            | ļ           | 87       | Ш        | _        | _       | Щ               |          | _        | _        | ļ             | Ц        | L     | ]                 | 137        |          | $\Box$   | $\Box$   |          |          |          | $\Box$    |          |          |
|          | 38       | 시       | 1        | 1        | Ш        | Ш        | <u> </u>     |  | L        | _        |              |             | 88       |          | _        |         | $\sqcup$        |          | _        | _        | _             | _        | _     |                   | 138        |          |          |          | $\Box$   |          | Ш        |           |          |          |
|          | 39       | 1       | 1        | 1        | Ш        | -        | <del> </del> |  | _        | $\vdash$ |              |             | 89       |          |          |         | Ш               | _        | _        | 4        | _             | _        | -     |                   | 139        | _        |          |          | $\perp$  |          | Ш        |           | _        | _        |
|          | 40       | 1       | 1        | 1        | -        | $\vdash$ | ⊢            | ⊢                                      | -        | +        | -            |             | 90       |          | _        |         | $\vdash \vdash$ |          |          |          |               |          | -     |                   | 140        | _        | $\sqcup$ | $\dashv$ | _        | _        | Ш        | ļ         | _        |          |
|          | 41<br>42 | 7       | 1        | 1        | $\vdash$ | Н        | $\vdash$     | -                                      | -        | $\vdash$ | -            |             | 91<br>92 |          |          | _       | $\vdash$        |          | 4        | _        |               | $\dashv$ | -     |                   | 141        |          | $\sqcup$ | -        | $\dashv$ | _        | Ш        |           | _        | _        |
|          | 43       | 1       | 1        | 1        | $\vdash$ | $\vdash$ | -            | ⊢                                      | ⊢        | ╁╌       |              |             | 93       |          | $\dashv$ |         | $\vdash$        |          | $\dashv$ | -        | -             | $\dashv$ | ŀ     |                   | 142<br>143 | -        | $\dashv$ |          | $\dashv$ |          |          | -         | -        | -        |
|          | 44       | 1       | 1        | 1        | $\vdash$ |          | -            | $\vdash$                               | $\vdash$ | $\vdash$ | -            |             | 94       | -        | {        |         | Н               |          |          | $\dashv$ | $\dashv$      | $\dashv$ | ŀ     |                   | 144        | $\dashv$ | $\dashv$ | -        | $\dashv$ | _        | $\dashv$ | $\dashv$  | -        |          |
|          | 45       | 1       | 1        | 1        | $\vdash$ |          | Ι-           | $\vdash$                               | -        |          | <b> </b>     |             | 95       | -        | -        | -       | Н               | $\dashv$ |          | $\dashv$ | +             | $\dashv$ | ŀ     | $\dashv$          | 145        | -        | $\dashv$ | -        |          | _        |          | $\dashv$  | -        | 긕        |
|          | 46       | i       | i        | ₹        | H        | $\vdash$ | Н            | 1                                      | $\vdash$ | +        |              |             | 96       |          | $\dashv$ | -       | Н               |          | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ | ŀ     |                   | 146        | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | -        | $\dashv$  | -        | ᅱ        |
|          | 47       | i       | Ì        | Ì        | Н        | $\vdash$ | $\vdash$     | $\vdash$                               | $\vdash$ | Н        |              | $\dashv$    | 97       | $\dashv$ | _        |         | $\vdash$        | $\dashv$ | 7        | $\dashv$ | ┰             | $\dashv$ | ŀ     |                   | 147        | -        | -        | $\dashv$ | $\dashv$ | -        |          | $\dashv$  | $\dashv$ | $\dashv$ |
|          | 48       | 1       | 1        | 1        | П        |          |              | T                                      | Г        | П        |              | $\neg \neg$ | 98       | 7        | -        | _       | H               | -        | $\dashv$ | 寸        | -+            | $\dashv$ | r     |                   | 148        | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        | $\dashv$ | -        | -         | $\dashv$ | ᅱ        |
|          | 49       | 1       | V        | 1        |          |          |              |  |          | П        |              |             | 99       | $\neg$   | $\neg$   |         |                 |          | 7        |          | 1             | ╗        | ı     | $\neg \uparrow$   | 149        | 一        | $\dashv$ | $\dashv$ | $\neg$   | _        | _        | $\dashv$  | $\dashv$ | ᅥ        |
|          | 50       | 1       | 1        | 1        |          |          |              |  |          |          |              |             | 100      |          |          |         |                 |          |          | J        |               |          | ı     |                   | 150        |          |          |          | 寸        |          |          | $\dashv$  | 寸        | $\neg$   |